

This amendment is submitted for the purpose of adding claims 112 and 113.

Claims 112 and 113 find support in Applicants' specification, at, e.g., page 10, lines 3 through 12:

1) The "gag gene" (or ORF-gag)

The "gag gene" codes for core proteins. Particularly it appears that a genomic fragment (ORF-gag) thought to code for the core antigens including the p25, p18 and p13 proteins is located between nucleotidic position 236 (starting with 5' CTA GCG GAG 3') and nucleotidic position 1759 (ending by CTCG TCA CAA 3'). The structure of the peptides or proteins encoded by parts of said ORF is deemed to be that corresponding to phase 2.

Figures 19-26 of Applicants' specification show the nucleotide sequence of the entire genome of HIV-1 and describe the recombinant DNA sequences of the *gag*, *pol*, *env* and ORF-Q (*sor*) genes. These Figures show the *gag* gene extending from the nucleotide numbered 236 to the nucleotide numbered 1759.

Since claims 112 and 113 are fully supported and do not introduce new matter, Applicants respectfully request entry of this Amendment pursuant to 37 C.F.R. §§ 1.633(c)(2), 1.637(c)(2) and 1.115.

Enclosed is a check for \$118.00 to cover the cost of the claims added by this Amendment. If there are any other fees due in connection with the filing of this Amendment, please charge the fees to our Deposit Account No. 06-0916. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for

above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

Date:

December 2, 1992

By:

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